

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2015 Levee Inspection Results****Reclamation District No. 0827 Elkhorn**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Reclamation District No. 0827 Elkhorn

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	1.34
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/14/2015 - 04/14/2015			
DWR Inspector	Jai Lor			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	04/14/2015 04/14/2015	Jai Lor

LM Start		Rating **	A	Issue No.	5		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				°		°
					°		°
DWR ID	DWR_RD0827_01_s _ 2013_5						
Action/Comments							
Inspector Comments: RD 827 has a copy of the levee manuals.							

No Photos

LM Start		Rating **	A	Issue No.	7		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start	End		
Item	Emergency Supplies & Equipment				°		°
					°		°
DWR ID	DWR_RD0827_01_s _ 2013_7						
Action/Comments							
Inspector Comments: RD 827 shares a maintained stockpile of Flood Response Material with RD 784.							

No Photos

LM Start		Rating **	A	Issue No.	9		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start	End		
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD0827_01_f _ 2014_9						
Action/Comments							
Inspector Comments: RD 827 works jointly with RD 784 on Flood Preparedness and Training.							

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	04/14/2015 04/14/2015	Jai Lor

LM Start	0.03	Rating **	A	Issue No.	211
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.674890 °	38.674890 °
				-121.630042 °	-121.630042 °
DWR ID	DWR_RD0827_01_s _ 2015_211				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_RD0827_187_211_20150415_00009.jpg



View of the vegetation on the waterward side of the levee looking downstream. Spring 2015.

LM Start	0.03	Rating **	A/W	Issue No.	212
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.674890 °	38.672602 °
				-121.630042 °	-121.627233 °
DWR ID	DWR_RD0827_01_s _ 2015_212				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_RD0827_187_212_20150415_00010.jpg



View of the vegetation on the landward side of the levee looking downstream. Spring 2015.

LM Start	0.25	Rating **	M	Issue No.	108
LM End	0.25	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.672654 °	38.672654 °
				-121.627242 °	-121.627242 °
DWR ID	DWR_RD0827_01_s _ 2014_108				
Action/Comments					
Debris					

Photo 1 of 1 : SP_2015_RD0827_187_108_20150401_00006.jpg



Pallets and debris from the rail road left on levee crown. Spring 2014

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	04/14/2015 04/14/2015	Jai Lor

LM Start	0.28	Rating **	M	Issue No.	109
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.672406 °	38.672406 °
				-121.626828 °	-121.626828 °
DWR ID	DWR_RD0827_01_s_2014_109				
Action/Comments					
Note and monitor erosion site.					
Inspector Comments: Some fill placed on slope.					

LM Start	0.28	Rating **	M	Issue No.	109 (cont)
LM End	0.28	Issue Type +	Ma	Location *	WS

View of the erosion on the waterward side of the levee looking downstream. Spring 2015.

LM Start	0.43	Rating **	M	Issue No.	110
LM End	0.43	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.670829 °	38.670829 °
				-121.624921 °	-121.624921 °
DWR ID	DWR_RD0827_01_s_2014_110				
Action/Comments					
Debris					

A gravel path leads towards a bridge in the distance. On the right side of the path, there is a stack of wooden pallets. The area is bordered by trees and a body of water on the right, and a rocky shoreline. The bridge is a long, low structure with multiple spans, crossing a river or lake. The sky is clear and blue.

Debris from the railroad is stacked along the crown shoulder. Spring 2014

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	04/14/2015 04/14/2015	Jai Lor

LM Start	0.61	Rating **	A/W	Issue No.	22
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668873 °	38.665750 °
				-121.622513 °	-121.618523 °
DWR ID	DWR_RD0827_01_s_2012_22				
Action/Comments					
Environmental Requirements.					

Photo 1 of 5 : SP_2015_RD0827_187_22_20150401_00001.jpg



Revegetation site with fencing, irrigation and stakes to hold netting.
Photo taken spring 2012.

Photo 2 of 5 : SP_2015_RD0827_187_22_20150401_00002.jpg



Revegetation site spring 2012.

Photo 3 of 5 : SP_2015_RD0827_187_22_20150401_00003.jpg



Another view of the revegetation site. Spring 2014

LM Start	0.61	Rating **	A/W	Issue No.	22 (cont)
LM End	0.92	Issue Type +	Ma	Location *	WS

LM Start	0.61	Rating **	A/W	Issue No.	22 (cont)
LM End	0.92	Issue Type +	Ma	Location *	WS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	04/14/2015 04/14/2015	Jai Lor

LM Start	0.61	Rating **	A/W	Issue No.	22 (cont)
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668873 °	38.665750 °
				-121.622513 °	-121.618523 °
DWR ID	DWR_RD0827_01_s_2012_22				
Action/Comments					
Environmental Requirements.					

Photo 4 of 5 : SP_2015_RD0827_187_22_20150401_00004.jpg



The vegetation continues to grow taller. It makes visibility hard. Spring 2014

LM Start	0.61	Rating **	A/W	Issue No.	22 (cont)
LM End	0.92	Issue Type +	Ma	Location *	WS

Photo 5 of 5 : SP_2015_RD0827_187_22_20150401_00005.jpg



The revegetation site has grown and blocks visibility. Spring 2013

LM Start	0.73	Rating **	M	Issue No.	1
LM End	0.73	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.667731 °	38.667731 °
				-121.620992 °	-121.620992 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38983					
DS_ID:21147					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner to obtain additional					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	04/14/2015 04/14/2015	Jai Lor

LM Start	0.93	Rating **	M	Issue No.	213
LM End	0.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.665652 °	38.665652 °
				-121.618385 °	-121.618385 °
DWR ID	DWR_RD0827_01_s _ 2015_213				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : SP_2015_RD0827_187_213_20150415_00012.jpg



View of the depression on the water ward side of the levee looking downstream. Spring 2015.

LM Start	1.35	Rating **	M	Issue No.	2
LM End	1.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661210 °	38.661210 °
				-121.613030 °	-121.613030 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39703 DS_ID:21163 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: No pipe was found only what appears to be an abandoned pump house on landward side. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 30-inch steel pipe through the levee, 9.1 feet below the crown. Pump in pumphouse on landward side not waterward side as mentioned in desk study. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 69.50). FS Date: 03/18/2014					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Reclamation District No. 0827 Elkhorn

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	2.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/15/2015 - 04/15/2015			
DWR Inspector	Jai Lor			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
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If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	04/15/2015 04/15/2015	Jai Lor

LM Start	0.02	Rating **	M	Issue No.	2
LM End	0.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.676440 °	38.669401 °
				-121.642747 °	-121.641417 °
DWR ID	DWR_RD0827_02_f_2012_2				
Action/Comments					
Ditch					

Photo 1 of 2 : SP_2015_RD0827_188_2_20150401_00001.jpg



The ditch run along the landside slope. Spring 2014

LM Start	0.02	Rating **	M	Issue No.	2 (cont)
LM End	0.52	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2015_RD0827_188_2_20150401_00002.jpg



Ditch runs along the landside toe. Photo fall 2012.

LM Start	0.11	Rating **	C	Issue No.	4
LM End	0.11	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.675236 °	38.675236 °
				-121.642985 °	-121.642985 °
DWR ID	DWR_RD0827_02_s_2012_4				
Action/Comments					
Tree stumps.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	04/15/2015 04/15/2015	Jai Lor

LM Start	0.15	Rating **	M	Issue No.	386
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.674652 °	38.641751 °
				-121.642858 °	-121.620787 °
DWR ID	DWR_RD0827_02_s _ 2015_386				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_RD0827_188_386_20150415_00009.jpg



View of the vegetation on the landward side of the levee looking upstream. Spring 2015.

LM Start	0.34	Rating **	M	Issue No.	387
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.671995 °	38.641985 °
				-121.642180 °	-121.620908 °
DWR ID	DWR_RD0827_02_s _ 2015_387				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.64	Rating **	M	Issue No.	390
LM End	0.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.667880 °	38.667880 °
				-121.640587 °	-121.640587 °
DWR ID	DWR_RD0827_02_s _ 2015_390				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_RD0827_188_390_20150415_00011.jpg



View of the burrow on the water ward side of the levee looking upstream. Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	04/15/2015 04/15/2015	Jai Lor

LM Start	0.81	Rating **	U	Issue No.	1
LM End	0.81	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.665856 °	38.665856 °
				-121.639137 °	-121.639137 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43923 DS_ID:21153 EP_NO: 17403 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers present. Need to contact owner to determine if pipe still in use. FIELD_STRUCT_DESC: 2.37-inch steel gasoline/pipe through the levee, 50.0 feet below the crown. Gas well on landward side. (Permit No. 17403-2001) FS Date: 03/18/2014					

No Photos

LM Start	1.06	Rating **	U	Issue No.	6
LM End	1.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.662955 °	38.662955 °
				-121.636489 °	-121.636489 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38982 DS_ID:24844 EP_NO: 17403 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers visible on either banks. Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 2.375-inch diameter steel natural gas pipeline across and under (bored) the left (east) bank levee of Yolo Bypass and Tule Canal. (Permit No. 17403-2007) FS Date: 03/18/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	04/15/2015 04/15/2015	Jai Lor

LM Start	1.40	Rating **	M	Issue No.	389
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.658877 °	38.658877 °
				-121.632550 °	-121.632550 °
DWR ID	DWR_RD0827_02_s _ 2015_389				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

Photo 1 of 1 : SP_2015_RD0827_188_389_20150415_00010.jpg



View of the crack on the water ward side of the levee looking upstream.
Spring 2015.

LM Start	2.01	Rating **	U	Issue No.	5
LM End	2.13	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.651316 °	38.649804 °
				-121.626680 °	-121.625759 °
DWR ID	DWR_RD0827_02_f _ 2013_5				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

Photo 1 of 1 : SP_2015_RD0827_188_5_20150401_00006.jpg



The crack is 4-6 inches wide and 3 feet deep with a length of 6 feet. Fall 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	04/15/2015 04/15/2015	Jai Lor

LM Start	2.06	Rating **	U	Issue No.	7
LM End	2.06	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.651052 °	38.651052 °
				-121.626501 °	-121.626501 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43843 DS_ID:21159 EP_NO: 15904 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Sign missing on WS and LS. Need to confirm status of crossing with permittee. Appears abandoned. FIELD_STRUCT_DESC: 3-inch steel pipe through the levee, 20.0 feet below the crown. Sign on waterward side. Yellow pipe visible east of ditch appr. 150 ft off LS toe. (Permit No. 15904-1992) FS Date: 03/10/2015					

No Photos

LM Start	2.18	Rating **	M	Issue No.	388
LM End	2.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.649108 °	38.649108 °
				-121.625296 °	-121.625296 °
DWR ID	DWR_RD0827_02_s _ 2015_388				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	2.29	Rating **	M	Issue No.	24
LM End	2.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.647703 °	38.647703 °
				-121.624450 °	-121.624450 °
DWR ID	DWR_RD0827_02_s _ 2012_24				
Action/Comments					
Repair slope instability. Inspector Comments: There is cracking along the levee slope not greater than 200 feet. Need to monitor.					

Photo 1 of 1 : SP_2015_RD0827_188_24_20150401_00008.jpg



A bulge in the levee slope. Photo fall 2012.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	04/15/2015 04/15/2015	Jai Lor

LM Start	2.76	Rating **	M	Issue No.	8
LM End	2.76	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641922 °	38.641922 °
				-121.620884 °	-121.620884 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38984 DS_ID:21151 EP_NO: 3277 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing appears to have been removed and replaced under maintenance back in 2008. No permit has been found--need to contact owner to obtain additional information about replacement. Landward slope sloughing--does not appear to be associated with crossing. Landward slope is being monitored by LMA. FIELD_STRUCT_DESC: 18-inch (not 20-inch as noted in desk study) steel drainpipe through the levee, 4.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at waterward shoulder. Pump on pipe structure in drainage ditch at landward toe. Rock revetment on waterward slope. Pipe retained through levee and updates required to crossing under Permit No. 3277 (1960). FS Date: 03/18/2014					

No Photos

LM Start	2.79	Rating **	M	Issue No.	9
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641633 °	38.641633 °
				-121.620725 °	-121.620725 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:33032 DS_ID:21169 EP_NO: 5611 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing appears to have been removed and replaced under maintenance back in 2008. No permit has been found--need to contact owner to obtain additional information about replacement. FIELD_STRUCT_DESC: [RD No. 827 Pumping Plant] 22-inch (not 24-inch as mentioned in desk study) steel drainpipe through the levee, 8.0 feet below the crown. CM cutoff wall around pipe at center of levee. Siphon breaker on waterward slope. Flap gate on waterward end. Pipe is exposed along waterward slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 3+75). Portion of pipe was removed and replaced, from landward side to waterward shoulder, under Permit No. 5611 (1968). FS Date: 03/18/2014					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	